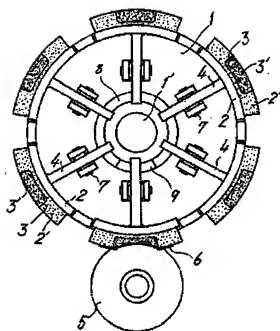


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Abstract

(54) 真空式回転自動札貼機における吸札板

(21) 実願昭 43-52026

Claims

Specification

図面の簡単な説明

図面は本考案の吸札板を備えた真空式自動札貼機の平面図を示す。

考案の詳細な説明

本考案の真空式回転自動札貼機における吸札板(以下単に吸札板という)は肩貼り札の端部貼付けに適するもので、構造簡単なにも拘らず札の十分な糊付けと安定した端部への仮付けとが容易に行われるようにしたものである。これが一実施例を図面について説明すれば、1 は軸 1' を中心として回転する真空式自動札貼機の円筒体、2 は円筒体 1 の上端部に起伏可能に、且つ、等間隔に設けた吸札板取付け片、2' は取付け片 2 に取付けた普通(やや硬質)のゴム製吸札板、3 は吸札板 2' の中央部に縦通して設けた凹窪部、3' は凹窪部 3 内に吸札板 2 と同一弧状面をなすよう充填したスポンジゴム板、4 は肩貼りする場合吸札板を傾斜させて端部に押付けるために使用するもので、前端を取付け片 2 に固定し中間を軸支 7 し、且つ後端は例えばばね(図示せず)による附勢で円筒端面カム 8 のカム面に圧接させたアーム、5 は、6 は肩貼り用札を示し、円筒端面カム 8 は軸 1' を中心として固定し、円筒体 1 の回転に伴って各アーム 4 がその上面を摺擦しつつ移動し、順次吸札板取付け片 2

(22) Application

43 (1968) June 21

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Sucking/absorbing bill sheet in (54) vacuum type rotary automatic bill *machine

(21) Japan Patent Application Showa 43-52026

brief description of the drawings

drawing shows top view of vacuum type automatic bill * machine which has sucking/absorbing bill sheet of this utility model .

detailed description of device

Sucking/absorbing bill sheet (Below simply sucking/absorbing bill sheet call) in vacuum type rotary automatic bill *machine of this utility model being something which is suited for bottle shoulder sticking of shoulder pasting bill, structure simple * of sufficient gluing of the bill is something which tacking of bottle shoulder obtaining which is stabilized that tries is done easily in spite. If this explains one Working Example concerning drawing , as for 1 as for the cylindrical body , 2 of vacuum type automatic bill * machine which turns with axial 1' as the center in upper end of cylindrical body 1 undulation possibly, at same time, as for sucking/absorbing bill sheet mount , 2' which is provided in equal spacing the concave Kubo section which normally, rubber sucking/absorbing bill sheet , 3 of (A little hard) which is installed in mount 2 provides length passing to central portion of sucking/absorbing bill sheet 2' , As for 3' in order to form same arcuate aspect sucking/absorbing bill sheet 2 inside concave Kubo section 3, as for sponge rubber sheet , 4 which is filled when shoulder pastes, sucking/absorbing bill sheet inclining being something which is used in order to push to bottle shoulder , locks front

が壺 5 に対応する位置となつたときカラムの高さ 9 によってアーム 4 を抗上させて取付け片 2 を壺 5 の肩部に押つけ、該高さ 9 から離脱したとき復元させる。本考案の吸札板は円筒体 1 が軸 1' を中心として回転するにつれ札ホルダーの位置においてバキュームにより一枚宛札 6 を吸取り、そのまま進んで糊付けローラーの位置に至り糊付けされる接触点に至って傾斜し札 6 が回転する無で付け装置の円盤上に仮付け後 90 度回転しうよう取付けた場合と壺口押さえとにより上下から押さえられた壺 5 の肩部に仮付けされ、然る後、プラン間を通過する際無で付け完全に密着される真空式回転自動札貼機(この札貼機は従来のものと同じであるから図示を省略する)に用いるもので、札 6 に糊付けするときはスポンジゴム板 3 が自己の弾性により膨出してゴム製吸札板 2' と同一弧状面を形成しているため糊がつき易いが、札 6 を壺 5 の肩部に仮付けする場合には壺の押圧力によりスポンジゴム板 3' が引込み壺が凹窪部 3 の両側縁に接触するので札 6 が湾曲して壺肩に広い糊付け面積で曲がることなく安定した仮付けができる。したがって、本考案の吸札板によれば、従来のスポンジゴムのみより成る吸札板に較べて壺肩への仮付けが良好に行われ、また、ゴム製吸札板に切込み部分に受け板を出没自在に嵌込み、これを円筒体の回転軸で作動させる機構により出入させるものに較べてはるかに構造が簡易化され製作が容易となり廉価で供給されるばかりでなく故障も少なく修理もまた簡単に行われる等の効果がある。

実用新案登録請求の範囲

回転円筒体の上端部に起伏可能に、且つ、等間隔で設けた吸札板取付け片に普通のゴム製吸札板を取付け、これが中央部に縦通せる凹窪部を設けてここにスポンジゴム板を上記吸札

edge in mount 2 and axial support 7 does the intermediate, At same time as for posterior edge as for arm, 5 which with for each spring (not shown) with energization is pressed in cam surface of cylinder endface cam 8 as for the bottle, 6 to show bill for shoulder pasting, cylinder endface cam 8 to lock axial 1', as center each arm 4 rubbing doing top, while attendant upon revolution of cylindrical body 1 moves, When becoming position where sequential sucking/absorbing bill sheet attaching piece 2 corresponds to bottle 5 arm 4 when anti- upper limbs * the mount 2 separating from pushing attaching and said high ground 9 into shoulder part of bottle 5, is reconstructed with high ground 9 of cam surface. As for sucking/absorbing bill sheet of this utility model as cylindrical body 1 turns with axial 1' as center, with vacuum in position of bill holder one layer address bill 6 sucking/absorbing taking, Advancing that way, gluing it is done reaching up to position of gluing roller and inclines and reaching up to contact point bill 6 turns to be accustomed to stroking, in order 90 degrees rotation after tacking to be possible to do on disc of device, temporary to be done to attach to shoulder part of bottle 5 which was held down from top and bottom by with bottle table and bottle oral holding down which are installed after that, When passing between brush, is accustomed to stroking and being something which is used for vacuum type rotary automatic bill * machine (Because this bill * machine is same as conventional ones, illustration is abbreviated) which sticks completely, when gluing doing in bill 6, sponge rubber sheet 3 swelling with elasticity of self, because forms same arcuate aspect as rubber sucking/absorbing bill sheet 2', cement is easy to be attached, but When bill 6 attach to shoulder part of bottle 5 temporarily, because the sponge rubber sheet 3 and retreat bottle contacts both side edges of concave Kubo section 3, with pushing pressure of bottle bill 6 curving, tacking which is stabilized without in bottle shoulder bending with wide glue surface product is possible. Therefore, according to sucking/absorbing bill sheet of this utility model, in comparison with sucking/absorbing bill sheet which consists of only conventional sponge rubber tacking to bottle shoulder to be done satisfactorily, in addition, in rubber sucking/absorbing bill sheet in cut portion bearing plate frequenting unrestrictedly * being packed, structure is simplified much in comparison with those which enter and leave this with mechanism which is operated with rotating shaft of the cylindrical body and production becomes easy and breakdown to be little repairable is a or other effect which is done simply is supplied with inexpensive not only.

Utility Model Claims

In upper end of rotary cylinder body undulation possibly, at same time, to install normal rubber sucking/absorbing bill sheet in sucking/absorbing bill sheet mount which is provided with equal spacing, this providing concave Kubo section

板と同一弧状面をなすよう充填して成る真空式
回転自動札貼機における吸札板。

which longitudinal is done in the central portion and in order
sponge rubber sheet to form same arcuate aspect
as above-mentioned sucking/absorbing bill sheet here, being
filled sucking/absorbing bill sheet . in vacuum type rotary
automatic bill * machine which becomes

Drawings

